

EAST Search History *(INTERFERENCE REPORT)*

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 119 | (sampl\$3 and echo and equaliz\$5).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/08 19:06 |
| L3 | 6 | ((sampl\$3 near3 (once or one)) and (sampl\$3 near3 (twice or two)) and echo and equaliz\$5).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/08 19:13 |
| L4 | 3 | ((sampl\$3 near3 (once or one)) and (sampl\$3 near3 (twice or two)) and echo and equaliz\$5 and ((baud or symbol) adj rate)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/08 19:14 |
| L5 | 0 | ((sampl\$3 near3 (once or one)) with (sampl\$3 near3 (twice or two)) with echo and equaliz\$5 with ((baud or symbol) adj rate)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/08 19:14 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 1 | (sampl\$3 near5 ((twice adj2 "symbol rate") or "2/T")) and ((("T/2" near2 equalizer) or (compromise adj equalizer) or ((frequency adj "2/T") near3 equalizer)) and (sampl\$3 near5 ((once adj2 "symbol rate") or "1/T"))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 22:16 |
| S2 | 25 | (sampl\$3 near5 ((twice adj2 "symbol rate") or "2/T")) and (sampl\$3 near5 ((once adj2 "symbol rate") or "1/T"))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 01:21 |
| S3 | 76 | ((("T/2" near2 equalizer) or (compromise adj equalizer) or ((frequency adj "2/T") near3 equalizer)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 00:04 |
| S4 | 7 | (echo adj compensato\$3) same equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 00:09 |
| S5 | 12 | (echo adj compensato\$3) and equalizer and sampl\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 00:09 |
| S6 | 1 | (sampl\$3 near5 ((twice adj2 "symbol rate") or "2/T")) and ((("T/2" near2 equalizer) or (compromise adj equalizer) or ((frequency adj "2/T") near3 equalizer)) and (sampl\$3 near5 (((once or original)adj2 "symbol rate") or "1/T"))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 00:15 |
| S7 | 249 | (sampl\$3 near5 ((twice adj2 "symbol rate") or "2/T")) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 00:15 |
| S8 | 215 | S7 and (receiver or duplex) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 00:16 |
| S11 | 18 | S9 and (Pulse near4 modulation) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 00:40 |
| S12 | 14 | S9 and echo | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 00:40 |

EAST Search History

| | | | | | | |
|-----|-----|---|---|----|----|------------------|
| S13 | 12 | (sampl\$3 near5 ((twice adj2 "symbol rate") or "2/T")) and (sampl\$3 near5 ((once adj2 "symbol rate") or "1/T")) and equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 01:21 |
| S14 | 528 | ((first adj sampl\$3) and (second adj sampl\$3)) and equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 01:52 |
| S18 | 4 | ((first adj sampl\$3) adj (device or apparatus)) and (second adj sampl\$3) adj (device or apparatus)) and equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/11/21 02:14 |
| S22 | 33 | compromise adj equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/02 22:35 |
| S27 | 4 | ((sampl\$3 with (((two or twice) with symbol) or "T/2") with rate) same equaliz\$3) and ((sampl\$3 with (((one or once) with symbol) or "1/T") with rate) same equaliz\$3) and (echo adj (compensat\$3 or cancell\$5 or emulat\$3 or estimat\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 00:16 |
| S28 | 59 | ((sampl\$3 with (((two or twice) with symbol) or "T/2") with rate) same equaliz\$3) and ((sampl\$3 with (((one or once) with symbol) or "1/T") with rate) same equaliz\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 00:54 |
| S29 | 650 | Fraction\$4 near6 equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 00:55 |
| S30 | 123 | (Fraction\$4 near6 equalizer) and (echo adj (compensat\$3 or cancell\$5 or emulat\$3 or estimat\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 01:25 |
| S31 | 0 | (Fraction\$4 near6 equalizer) and (echo adj (compensat\$3 or cancell\$5 or emulat\$3 or estimat\$5)) and (@ad<"1990830") | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 01:26 |
| S32 | 123 | (Fraction\$4 near6 equalizer) and (echo adj (compensat\$3 or cancell\$5 or emulat\$3 or estimat\$5)) and (ad@<"1990830") | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 01:26 |

EAST Search History

| | | | | | | |
|-----|-----|---|----------------------------------|----|----|------------------|
| S33 | 123 | (Fraction\$4 near6 equalizer) and (echo adj (compensat\$3 or cancell\$5 or emulat\$3 or estimat\$5)) and (ad@<"19990830")) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 01:28 |
| S34 | 40 | (Fraction\$4 near6 equalizer) and (echo adj (compensat\$3 or cancell\$5 or emulat\$3 or estimat\$5)) and (@ad<"19990830")) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 18:49 |
| S51 | 1 | (sampl\$3 near5 ((twice adj2 "symbol rate") or "2/T" or "2T")) and (("T/2" near2 equalizer) or (compromise adj equalizer) or ((frequency adj "2/T") near3 equalizer)) and (sampl\$3 near5 ((once adj2 "symbol rate") or "1/T")) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 22:18 |
| S52 | 1 | (sampl\$3 near2 ((twice adj2 "symbol rate") or "2/T" or "2T")) near20 (("2T" or "fractionally spaced" or compromise) adj equalizer) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 22:22 |
| S53 | 450 | (sampl\$3 near2 ((twice adj2 "symbol rate") or "2/T" or "2T")) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 22:38 |
| S54 | 12 | (sampl\$3 near2 ((twice adj2 "symbol rate") or "2/T" or "2T")) and (echo adj cancell\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 22:28 |
| S55 | 5 | S54 and sampl\$3 and equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 22:50 |
| S56 | 472 | (sampl\$3 near2 ((twice adj2 ("symbol rate" or "baud rate")) or "2/T" or "2T")) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 22:44 |
| S57 | 673 | (sampl\$3 near2 (((twice or two) adj2 ("symbol rate" or "baud rate")) or "2/T" or "T/2" or "2T")) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:46 |
| S58 | 33 | (sampl\$3 near2 (((twice or two) adj2 ("symbol rate" or "baud rate")) or "2/T" or "T/2" or "2T")) and (echo adj cancell\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 23:22 |
| S59 | 23 | S58 and sampl\$3 and equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 22:50 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| S63 | 439 | (sampl\$3 near2 (((twice or two) adj2 ("symbol rate" or "baud rate")) or "2/T" or "T/2" or "2T")) and (sampl\$3 near2 (((once or one) adj2 ("symbol rate" or "baud rate")) or "1/T" or "T/2" or "T"))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 23:23 |
| S64 | 153 | (sampl\$3 near2 (((twice or two) adj2 ("symbol rate" or "baud rate")) or "2/T" or "T/2" or "2T")) and (sampl\$3 near2 (((once or one) adj2 ("symbol rate" or "baud rate")) or "1/T" or "T/2" or "T")) and equalizer | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:08 |
| S65 | 27 | (sampl\$3 near2 (((twice or two) adj2 ("symbol rate" or "baud rate")) or "2/T" or "T/2" or "2T")) and (sampl\$3 near2 (((once or one) adj2 ("symbol rate" or "baud rate")) or "1/T" or "T/2" or "T")) and equalizer and echo | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 23:24 |
| S66 | 27 | (sampl\$3 near2 (((twice or two) adj2 ("symbol rate" or "baud rate")) or "2/T" or "T/2" or "2T")) and (sampl\$3 near2 (((once or one) adj2 ("symbol rate" or "baud rate")) or "1/T" or "T/2" or "T")) and ("fractionally spaced linear equalizer" or "fractionally spaced equalizer" or (fractional\$3 adj3 equalizer)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/03 23:49 |
| S69 | 1325 | ((reduc\$3 or decreas\$3 or simplify\$3 or lower or lowering) with (compensation or coefficient or circuitry or computation\$2 or overhead)) same echo | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:50 |
| S70 | 7 | S57 and S69 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:46 |
| S71 | 0 | ((reduc\$3 or decreas\$3 or simplify\$3 or lower or lowering) with (compensation or coefficient or circuitry or computation\$2 or overhead)) same echo same equaliazer same sampl\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:51 |
| S72 | 0 | ((reduc\$3 or decreas\$3 or simplify\$3 or lower or lowering) with (compensation or coefficient or circuitry or computation\$2 or overhead)) same echo same equaliazer | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:51 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|----|----|------------------|
| S73 | 486 | ((reduc\$3 or decreas\$3 or simplify\$3 or lower or lowering) with (compensation or coefficient or circuitry or computation\$2 or overhead)) same (echo adj cancell\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:55 |
| S75 | 261 | ((reduc\$3 or decreas\$3 or simplify\$3 or lower or lowering) with (compensation or circuitry or computation\$2 or overhead)) same (echo adj cancell\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:55 |
| S76 | 32 | ((reduc\$3 or decreas\$3 or simplify\$3 or lower or lowering) with (compensation)) same (echo adj cancell\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:57 |
| S78 | 361 | ((reduc\$3 or decreas\$3 or simplify\$3 or lower or lowering) with (circuit\$2)) same (echo adj cancell\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:59 |
| S80 | 72 | ((reduc\$3 or decreas\$3 or simplify\$3 or lower or lowering) with (circuit\$2)) same (echo adj cancell\$5)) and equalizer and sampl\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/04 01:59 |
| S89 | 0 | ((cascaded or serial) near3 (filter\$5 or equaliz\$)) same ((cascaded or serial) near4 (sampl\$3)) same (echo near3 (cancel\$4 or minimiz\$4 or eliminat\$3 or delet\$3 or compensat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/08 17:10 |
| S90 | 0 | ((cascaded or serial) near3 (filter\$3 or equaliz\$)) same ((cascaded or serial) near4 (sampl\$3)) same (echo near3 (cancel\$4 or minimiz\$4 or eliminat\$3 or delet\$3 or compensat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/08 17:10 |
| S91 | 0 | ((cascaded or serial) near3 (filter\$3 or equaliz\$)) same ((cascaded or serial) near4 (sampl\$3)) same (echo near3 (cancel\$5 or minimiz\$5 or eliminat\$3 or delet\$3 or compensat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/08 17:11 |
| S92 | 0 | ((cascaded or serial) near3 (filter\$3 or equaliz\$)) and (((cascaded or serial) near4 (sampl\$3)) same (echo near3 (cancel\$5 or minimiz\$5 or eliminat\$3 or delet\$3 or compensat\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/08 17:12 |

EAST Search History

| | | | | | | |
|-----|----|---|---|----|----|------------------|
| S93 | 15 | ((cascaded or serial) near3 (filter\$3 or equaliz\$)) and ((cascaded or serial) near4 (sampl\$3)) and (echo near3 (cancel\$5 or minimiz\$5 or eliminat\$3 or delet\$3 or compensat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/05/08 18:46 |
|-----|----|---|---|----|----|------------------|